



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Petz Windows and Doors, Inc.**  
15951 SW 41 Street, Suite 150  
Weston, FL 33331

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "American" Inswing Wood Casement Window - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **1320A**, titled "American In-Swing Casement Impact Wood Windows", sheets 1 through 10 of 10, dated 03/18/05, with revision C1 dated 04/06/15, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 14-0429.12 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



*MP*  
5/29/15

NOA No. 15-0414.09  
Expiration Date: August 18, 2020  
Approval Date: June 04, 2015  
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under NOA No. 05-0622.07)*
2. Drawing No. **1320A**, titled "American In-Swing Casement Impact Wood Windows", sheets 1 through 10 of 10, dated 03/18/05, with revision **C1** dated 04/06/15, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94  
along with the manufacturer's parts drawings, marked-up drawings and installation diagram of outswing & inswing wood casement windows, prepared by Hurricane Test Laboratory, LLC, Test Reports No. **HTL-0284-1018-04**, **HTL-0284-0115-05** and **HTL-0284-0116-05**, dated 06/03/05, all signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under NOA No. 05-0622.07)*

**C. CALCULATIONS**

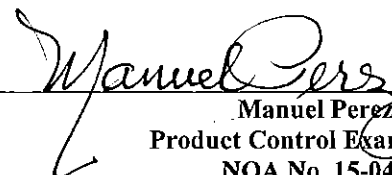
1. Anchor verification calculations and structural analysis, complying with **FBC-5<sup>th</sup> Edition (2014)**, dated 04/12/05 and updated on 04/06/15, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
2. Glazing complies with **ASTM E1300-04**

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **14-0423.17** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/19/14, expiring on 05/21/16.
2. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP - Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 06/19/14, expiring on 12/11/18.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 15-0414.09  
Expiration Date: August 18, 2020  
Approval Date: June 04, 2015

**Peetz Windows and Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC-5<sup>th</sup> Edition (2014)**, dated April 6, 2015, issued by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest, dated April 6, 2015, issued by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
3. Laboratory compliance letters for Test Reports No. **HTL-0284-1018-04**, **HTL-0284-0115-05** and **HTL-0284-0116-05**, issued by Hurricane Test Laboratory, LLC, dated 06/03/05, all signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA No. 05-0622.07)*

**E. OTHERS**

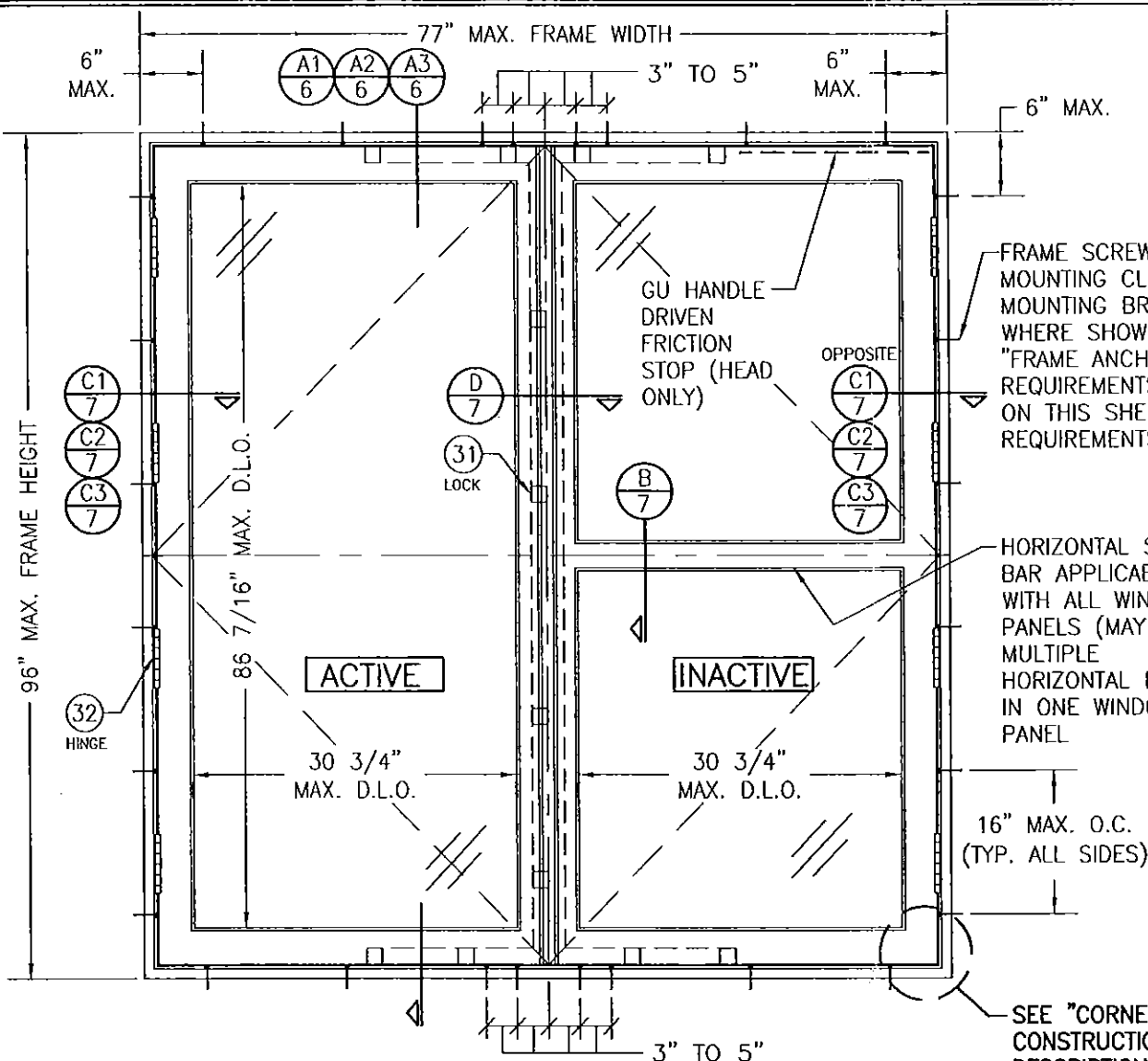
1. Notice of Acceptance No. **14-0429.12** issued to Peetz Windows and Doors, Inc. for their Series "American" Inswing Wood Casement Window - L.M.I.", approved on 07/24/14 and expiring on 08/18/15.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 15-0414.09

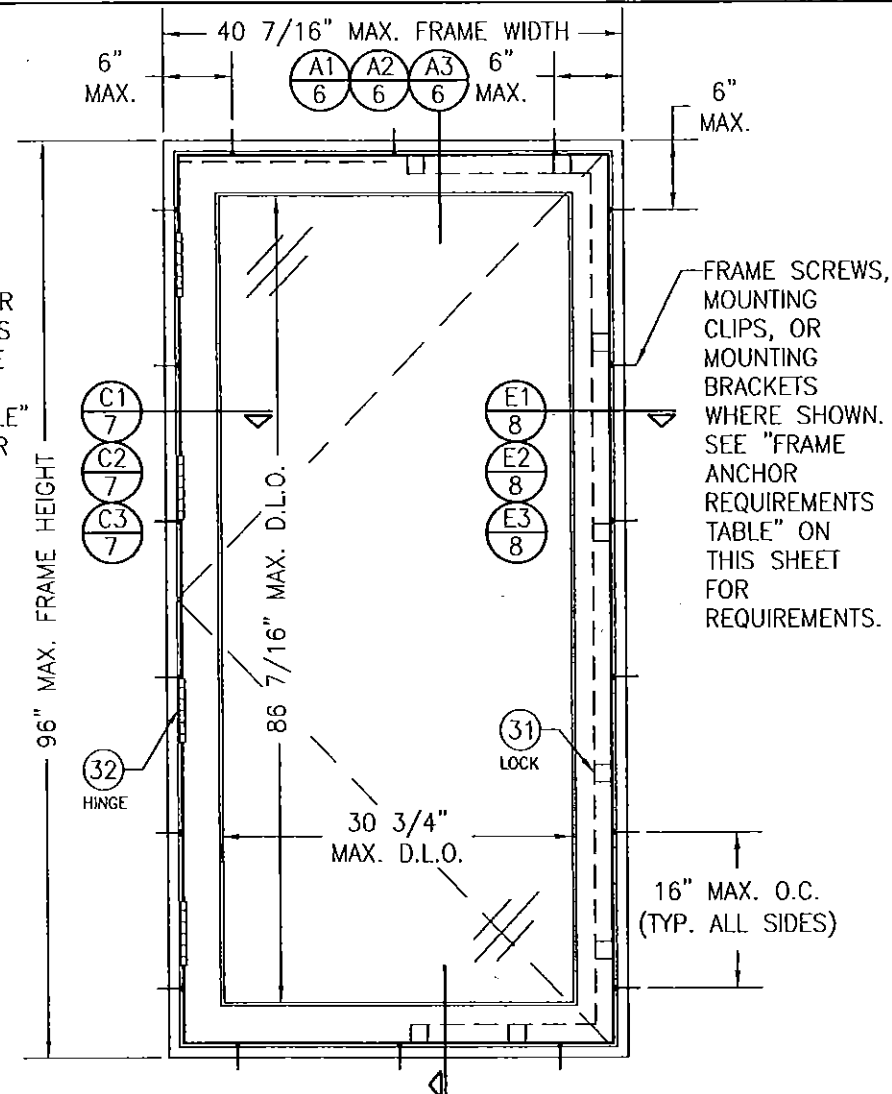
Expiration Date: August 18, 2020  
Approval Date: June 04, 2015

# GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT PRODUCTS.
5. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
7. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF  $K_d = 0.85$  MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR  $C_d = 1.6$  WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.
11. ALL WOOD MEMBERS OF THIS PRODUCT THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC REQUIREMENTS.



INTERIOR ELEVATION  
DOUBLE RECTANGULAR HINGED WINDOW UNIT  
(FOR TILT-TURN CONDITION, SEE ELEVATION ON SHEET 5)  
SCALE: N.T.S.



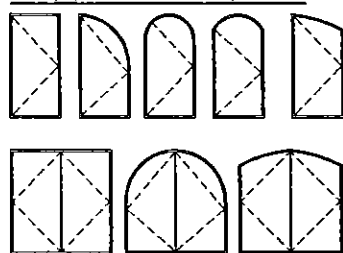
INTERIOR ELEVATION  
SINGLE RECTANGULAR HINGED WINDOW UNIT  
(FOR TILT-TURN CONDITION, SEE ELEVATION ON SHEET 5)  
SCALE: N.T.S.

## FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/CLIP/BACKET TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS OR WOOD SCREW	1 1/4"	1"
MIN. 16 GA. 50 KSI METAL STUD	NO. 14 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 14 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
MOUNTING CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MOUNTING BRACKET SCREWS			
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 18 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"

(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S. OR S.S.).

## APPROVED SHAPES



## NOTES:

1. OTHER SHAPES MAY APPLY PROVIDING THEY ARE SIMILAR TO THOSE SHOWN & HAVE CORNER CONSTRUCTION AS DESCRIBED ON THIS SHEET.
2. ALL SHAPED UNITS MUST FIT INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS & BE GOVERNED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.

## CORNER CONSTRUCTION:

JAMBS: COPED, BUTTED TOGETHER, JOINED WITH 3 NO. 10 X 3 1/8" SCREWS & GLUED WITH BINDAN D4 OR EQUAL.

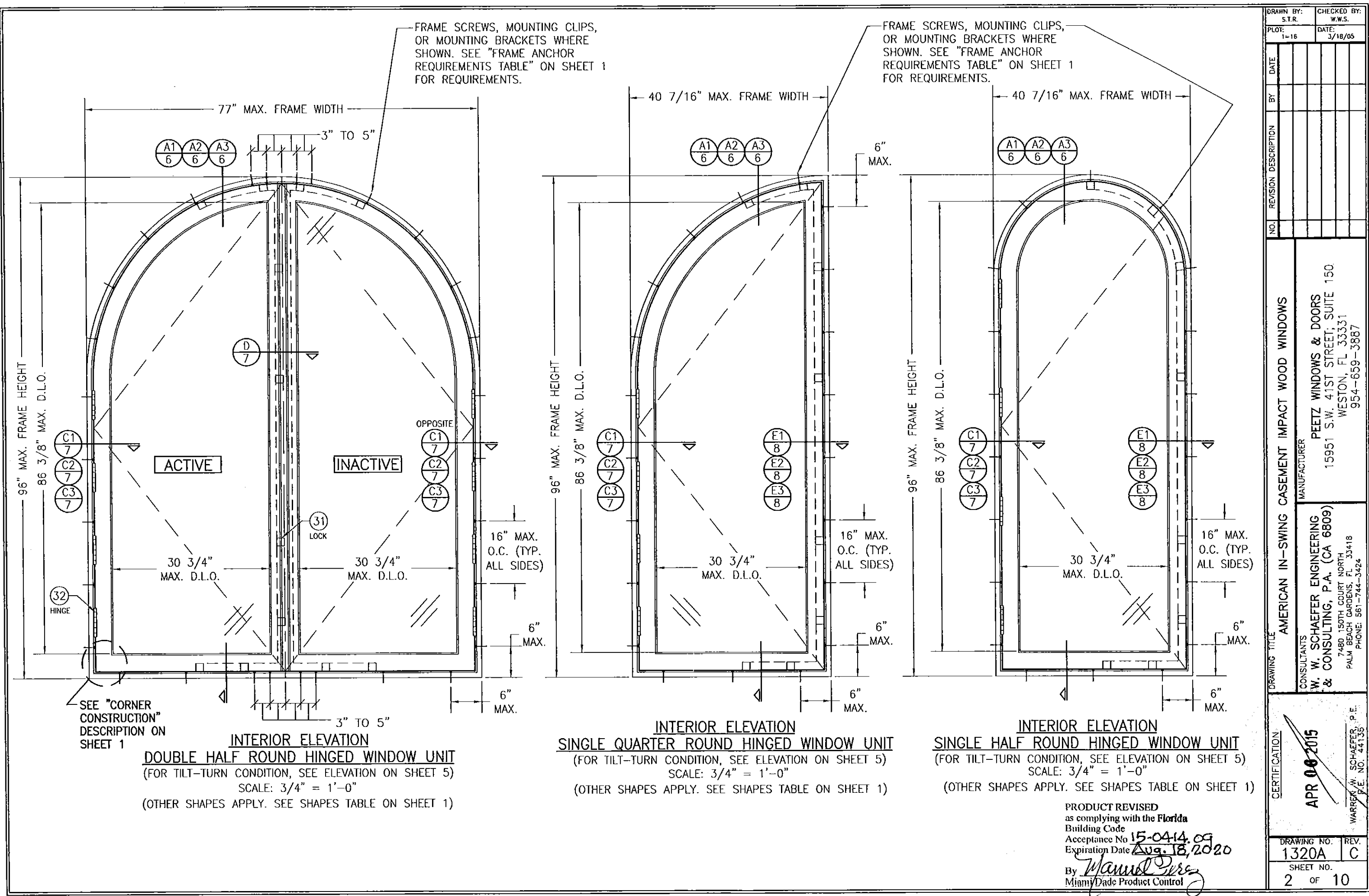
SASH: MULTI-FORKED, BUTTED & GLUED WITH BINDAN D4 OR EQUAL.


THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

ALLOWABLE DESIGN PRESSURE (SINGLE, DOUBLE & TRANSOM MULLION WINDOWS)
+/- 70 PSF
FOR VERTICAL MULLION ALLOWABLE PRESSURE, SEE MULLION LOAD TABLE ON SHEET 4

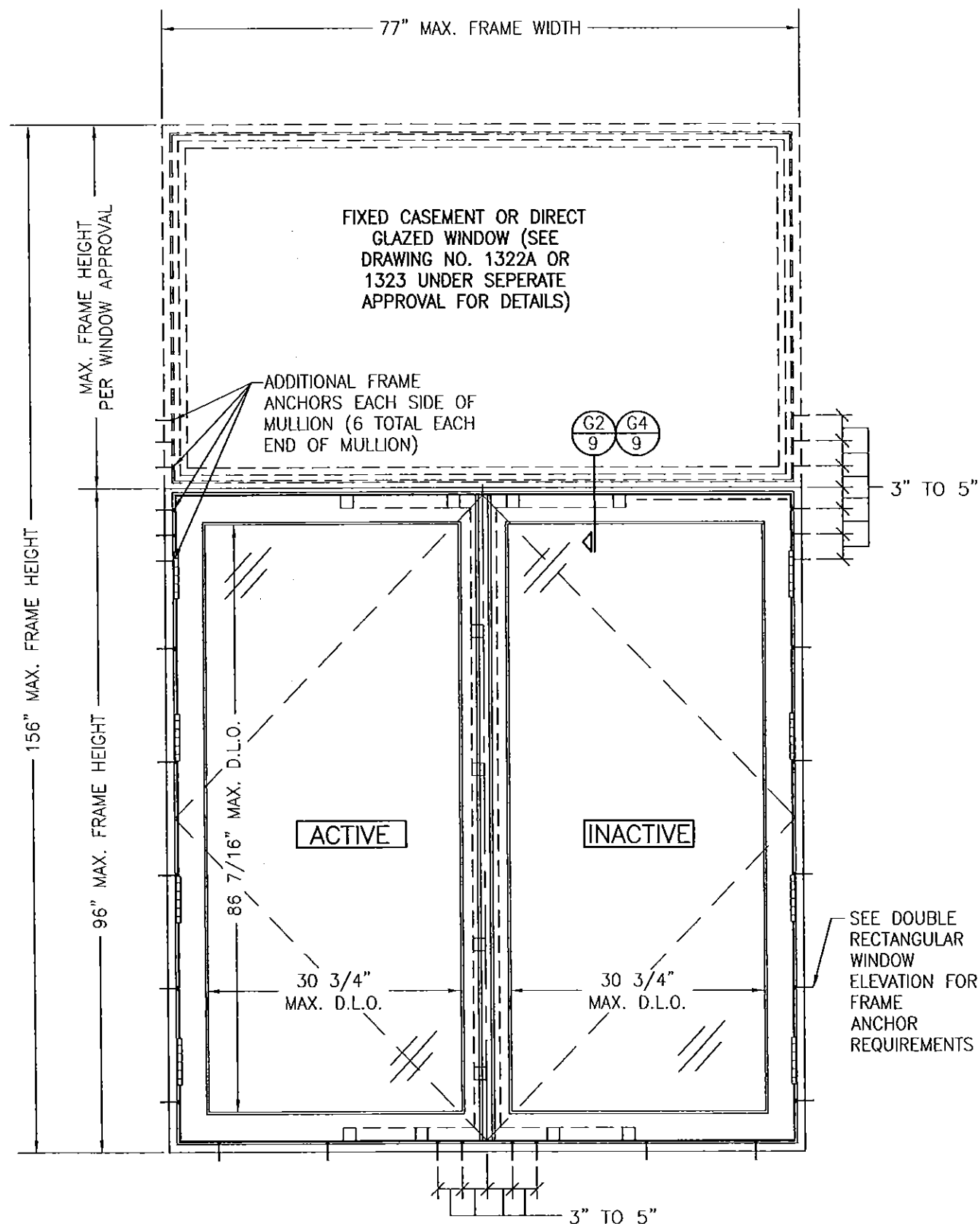
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-04-14-09  
Expiration Date Aug. 18, 2020  
By *Manuel Cruz*  
Miami Dade Product Control

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
A1	UPDATE TO PRESENT STANDARDS	WRM	05/06/10
B1	CHANGE CONSULTANTS ADDRESS	WRM	10/18/11
C1	UPDATE TO PRESENT STANDARDS	WWS	04/06/15
DRAWING TITLE: AMERICAN IN-SWING CASEMENT IMPACT WOOD WINDOWS			
MANUFACTURER: PEETZ WINDOWS & DOORS			
15951 S.W. 41ST STREET, SUITE 150			
WESTON, FL 33331			
954-659-3887			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)			
7480 150TH COURT NORTH			
PALM BEACH GARDENS, FL 33418			
PHONE: 561-744-3424			
CERTIFICATION: APR 06 2015			
DRAWING NO. 1320A			
REV. C			
SHEET NO. 1 OF 10			

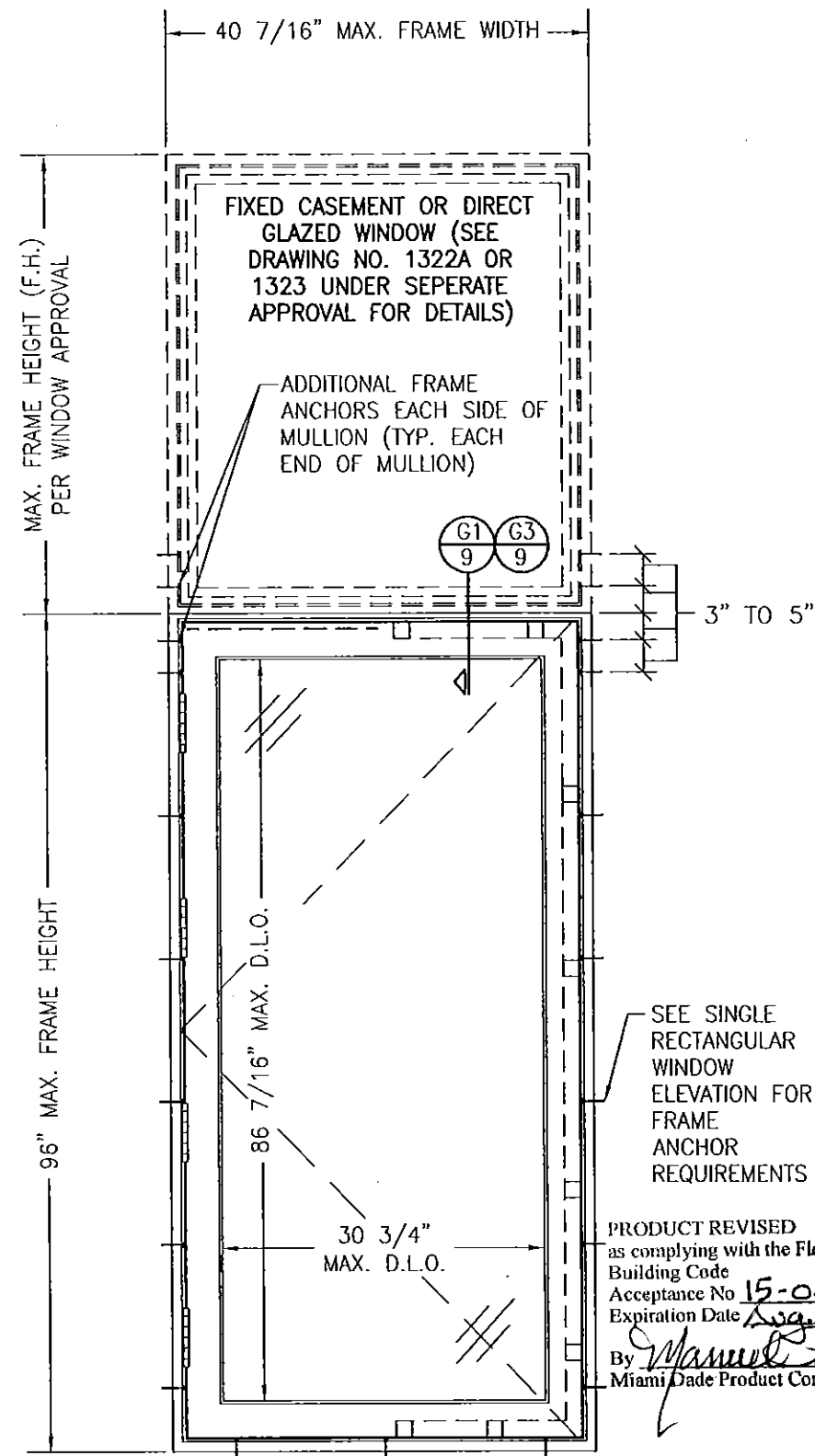


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PLOT: 1=16		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE AMERICAN IN-SWING CASEMENT IMPACT WOOD WINDOWS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION  APR 06 2015 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1320A		REV. C	
SHEET NO. 2 OF 10			

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 15-0414.09  
Expiration Date Aug. 18, 2020  
By *Manuel Perez*  
Miami Dade Product Control



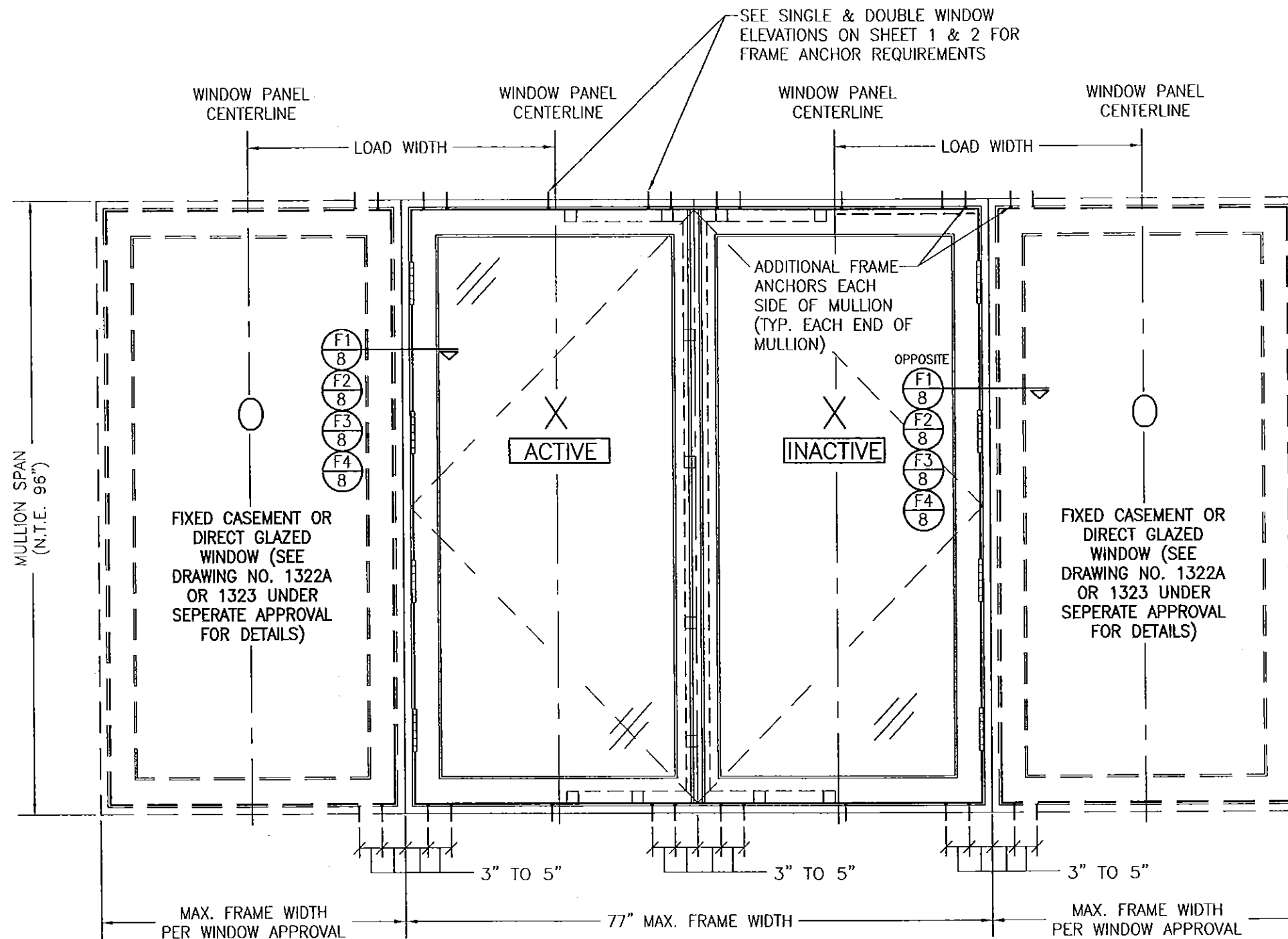
**INTERIOR ELEVATION  
DOUBLE WINDOW UNIT WITH TRANSOM**  
(HINGED WINDOW SHOWN. TILT-TURN ALSO APPLIES)  
SCALE: N.T.S.  
SEE DOUBLE RECTANGULAR WINDOW ELEVATION FOR  
WINDOW DETAIL NOT SHOWN



**INTERIOR ELEVATION  
SINGLE WINDOW UNIT WITH TRANSOM**  
(HINGED WINDOW SHOWN. TILT-TURN ALSO APPLIES)  
SCALE: N.T.S.  
SEE SINGLE RECTANGULAR WINDOW ELEVATION FOR  
WINDOW DETAIL NOT SHOWN

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE <b>AMERICAN IN-SWING CASEMENT IMPACT WOOD WINDOWS</b>			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b>		MANUFACTURER <b>PEETZ WINDOWS &amp; DOORS</b> 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION <b>APR 06 2015</b> WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. <b>1320A</b>		REV. <b>C</b>	
SHEET NO. <b>3 OF 10</b>			

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. **15-0414-09**  
Expiration Date **Aug. 18, 2020**  
By *Manuel Perez*  
Miami Dade Product Control



**INTERIOR ELEVATION**  
**DOUBLE WINDOW UNIT WITH SIDELITES**  
 (HINGED WINDOW SHOWN. TILT-TURN ALSO APPLIES)  
 SCALE: N.T.S.

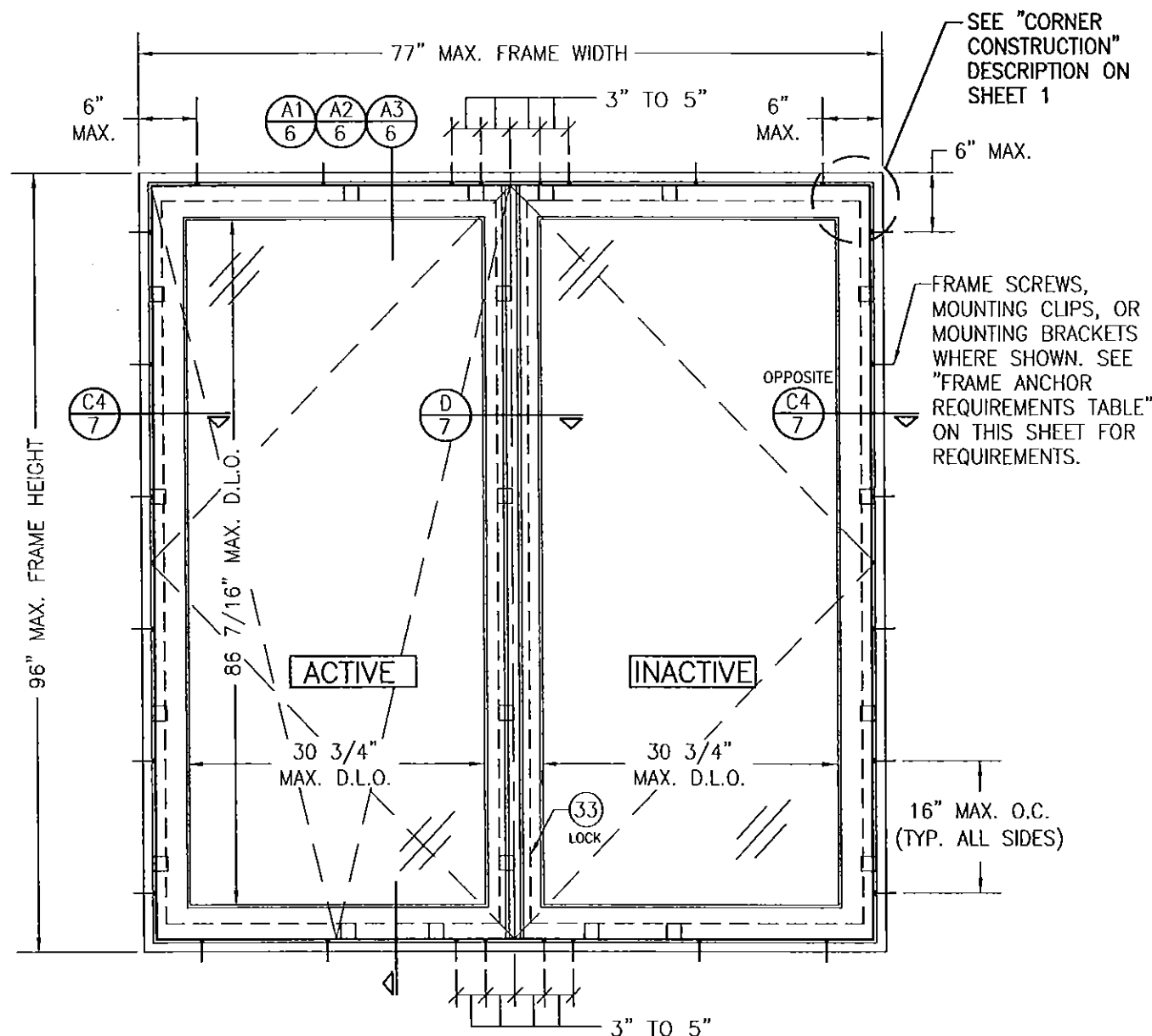
SEE DOUBLE & SINGLE WINDOW ELEVATIONS FOR DETAIL NOT SHOWN  
 (OXXO UNIT SHOWN. ALL OTHER FIXED/OPERABLE COMBINATIONS  
 ALSO APPLY WITH THE MULLION CONDITIONS SHOWN.)

MULLION ALLOWABLE LOAD TABLE			
MAXIMUM MULLION SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (POS. & NEG. PSF)	
		NON-REINFORCED MULLION	REINFORCED MULLION
96	54	47.0	53.2
	48	51.8	58.6
	42	57.9	65.5
	39	61.9	70.0
	36	65.8	75.0
90	30	75.0	75.0
	54	54.2	61.3
	48	59.5	65.9
	42	66.6	72.1
	39	70.2	75.0
84	36	74.4	75.0
	30	75.0	75.0
	54	63.6	67.9
	48	69.3	72.5
78	42	75.0	75.0
	54	75.0	75.0

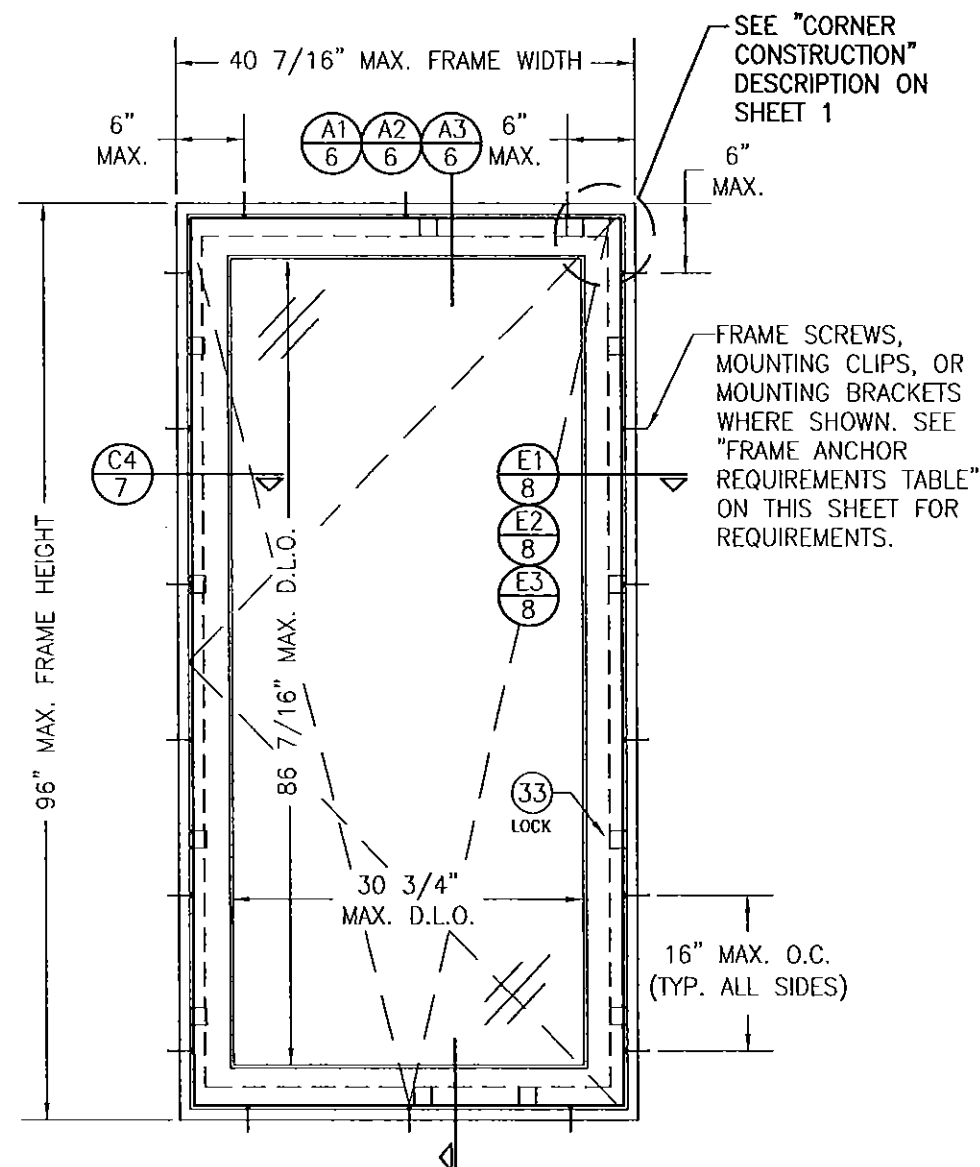
LESSER OF THE PRESSURE SHOWN IN THIS TABLE & THAT ALLOWED FOR THE INDIVIDUAL WINDOW SHALL CONTROL AS ALLOWABLE FOR THE OVERALL UNIT.

PRODUCT REVISED  
 as complying with the Florida  
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 Miami Dade Product Control

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: AMERICAN IN-SWING CASEMENT IMPACT WOOD WINDOWS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER: PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION: APR 06 2015 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1320A		REV. C	
SHEET NO. 4 OF 10			



INTERIOR ELEVATION  
DOUBLE RECTANGULAR TILT-TURN WINDOW UNIT  
SCALE: N.T.S.  
(ALSO APPLICABLE FOR ALL SHAPED WINDOWS)

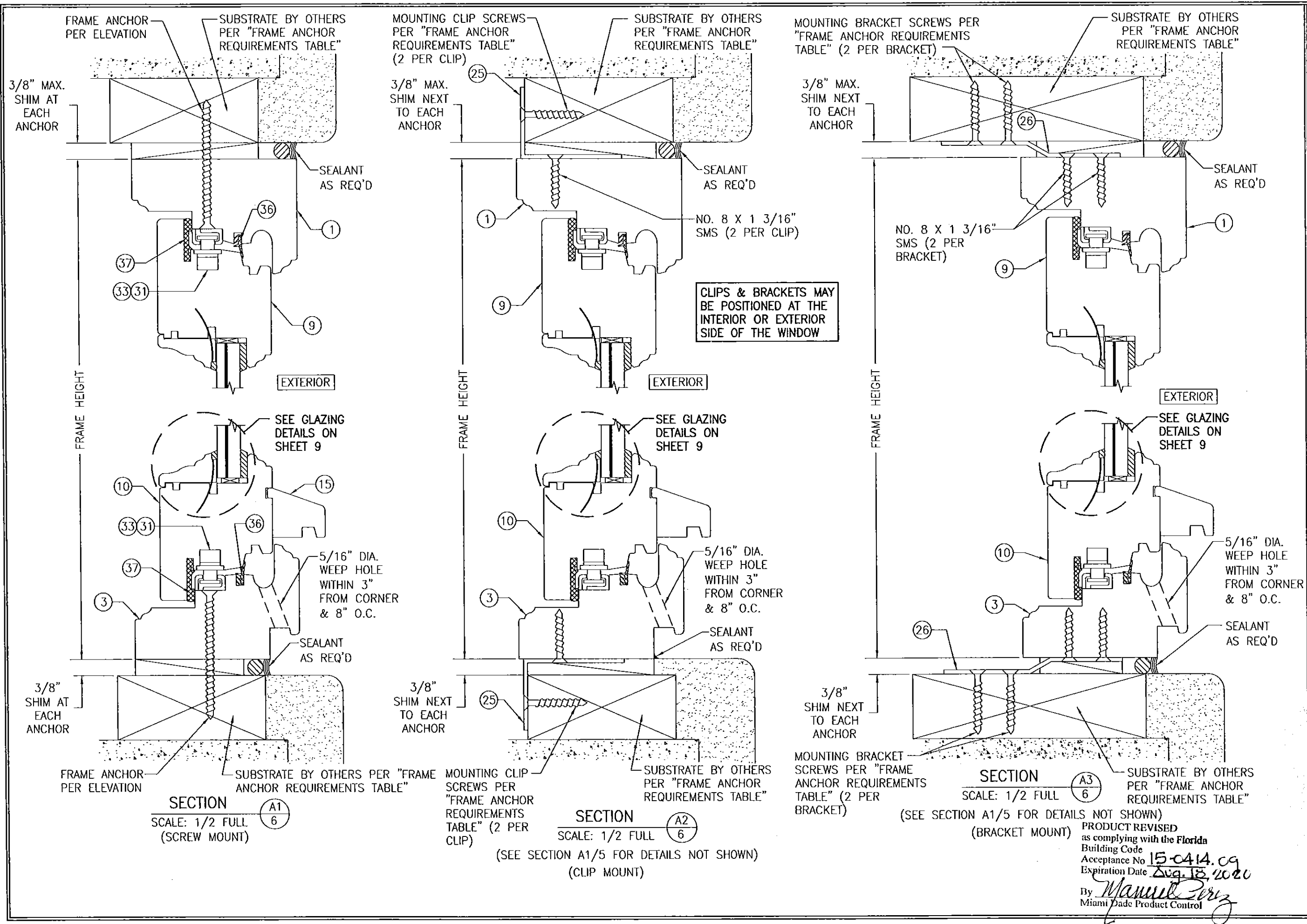


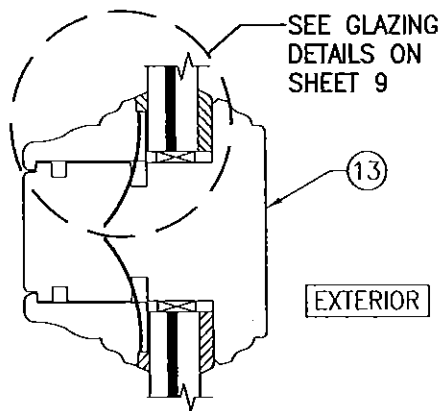
INTERIOR ELEVATION  
SINGLE RECTANGULAR TILT-TURN WINDOW UNIT  
SCALE: N.T.S.  
(ALSO APPLICABLE FOR ALL SHAPED WINDOWS)

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0414.09  
Expiration Date Aug. 18, 2026  
By *Manuel Perez*  
Miami Dade Product Control

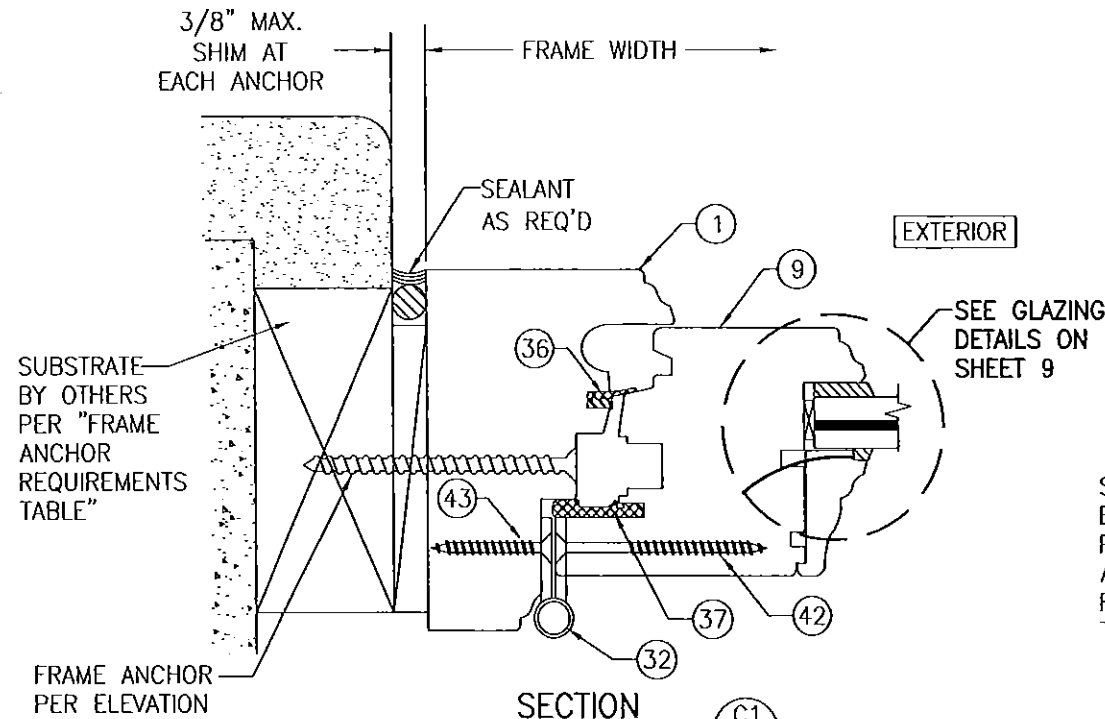
DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 3/18/05	
NO.	REVISION	DESCRIPTION	DATE
<p>AMERICAN IN-SWING CASEMENT IMPACT WOOD WINDOWS</p> <p>MANUFACTURER PEETZ WINDOWS &amp; DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887</p> <p>CONSULTANTS W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424</p>			
<p>CERTIFICATION APR 06 2015 W. W. SCHAEFER, P.E. P.E. NO. 44133</p>			
DRAWING NO. 1320A		REV. C	
SHEET NO. 5 OF 10			



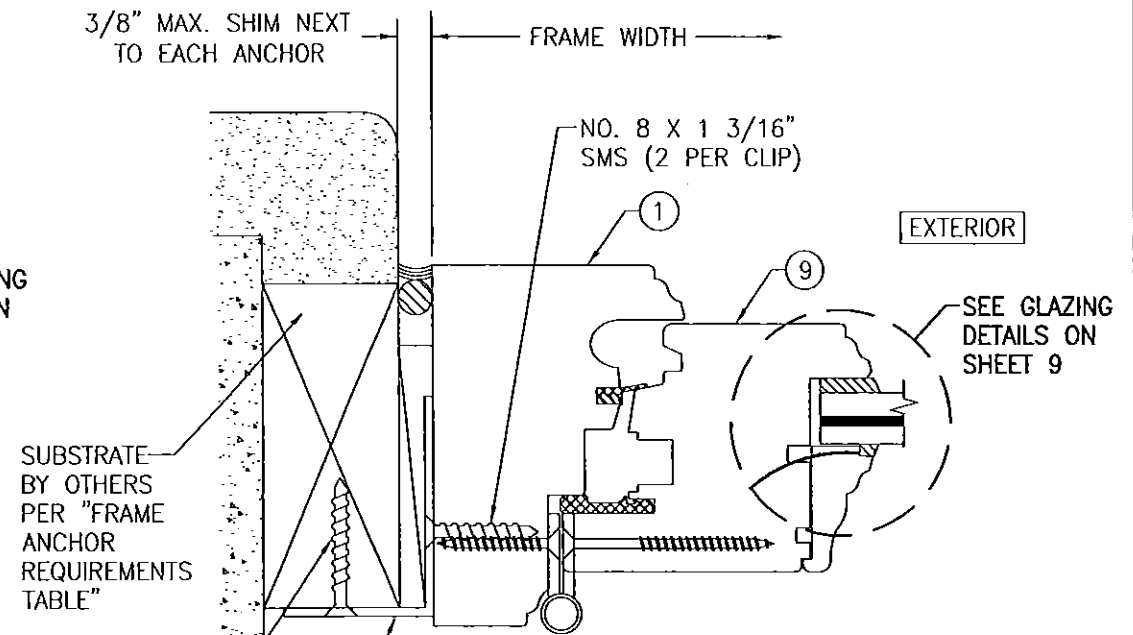




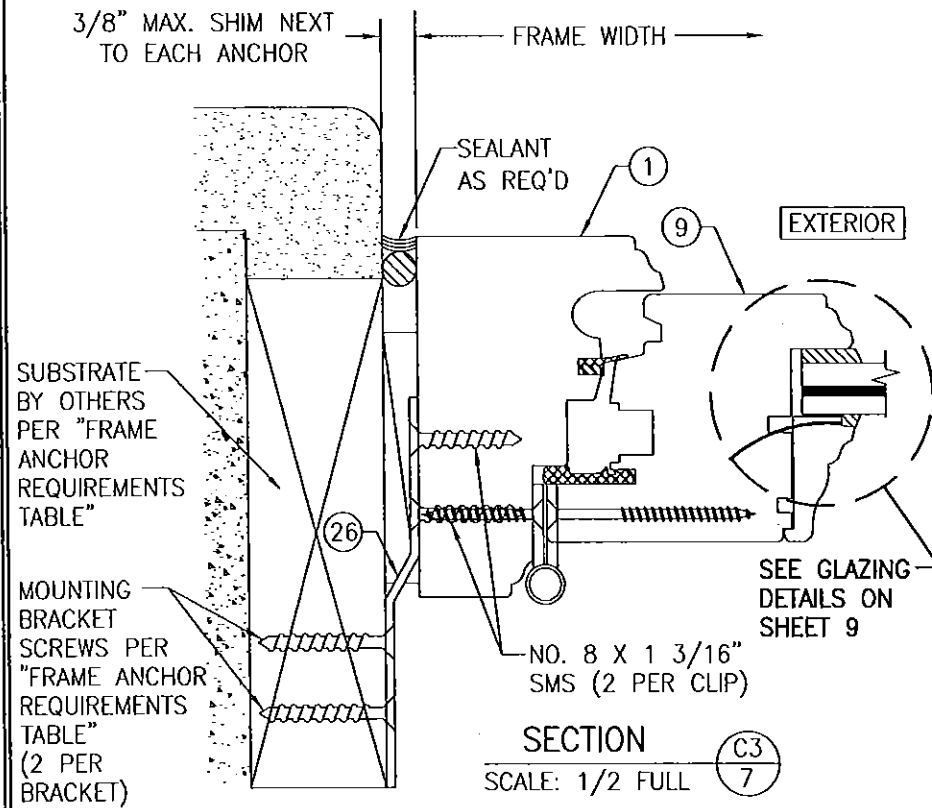
SECTION B  
SCALE: 1/2 FULL



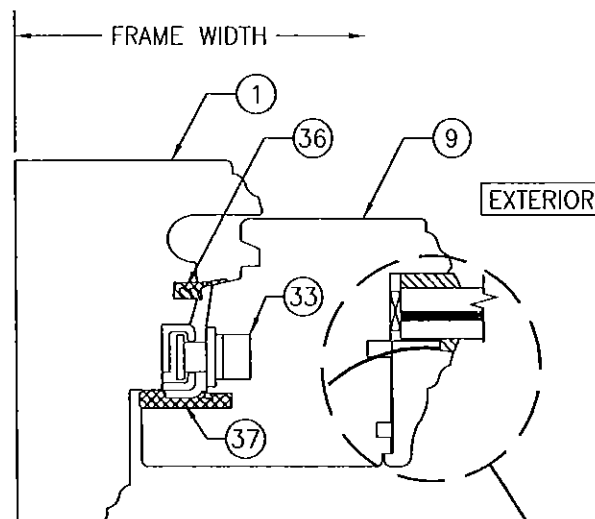
SECTION C1  
SCALE: 1/2 FULL  
(SCREW MOUNT)



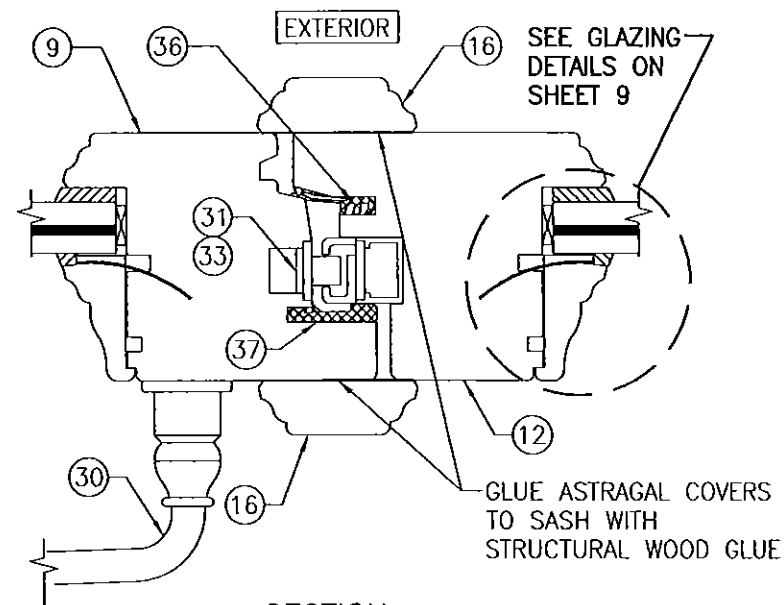
SECTION C2  
SCALE: 1/2 FULL  
(CLIP MOUNT)



SECTION C3  
SCALE: 1/2 FULL  
(BRACKET MOUNT)



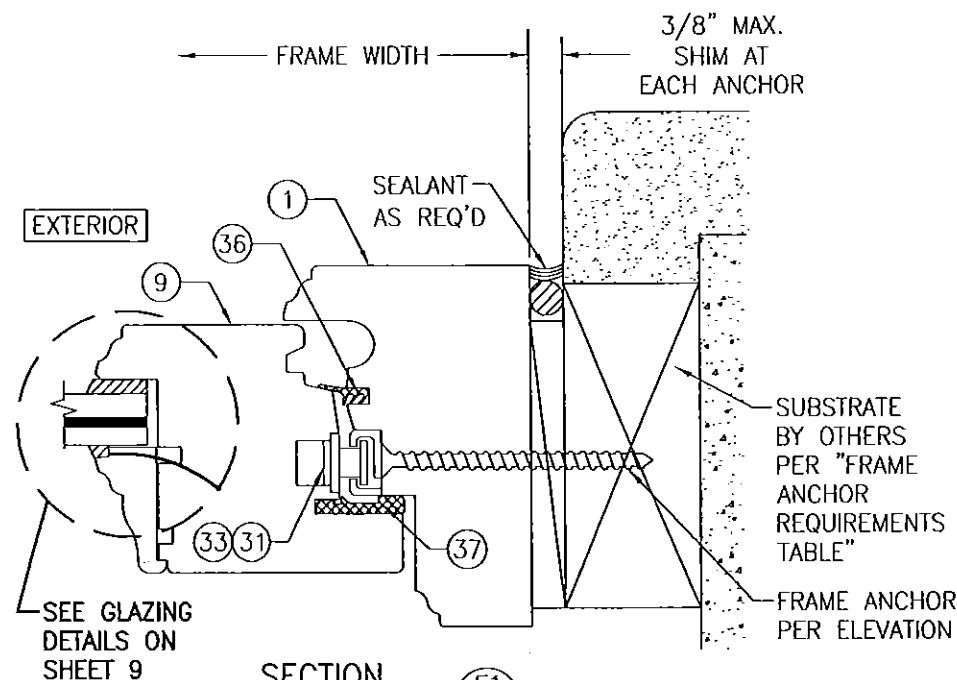
SECTION C4  
SCALE: 1/2 FULL  
(FOR INSTALLATION REQUIREMENTS, SEE SECTIONS C1/7, C2/7, & C3/7)



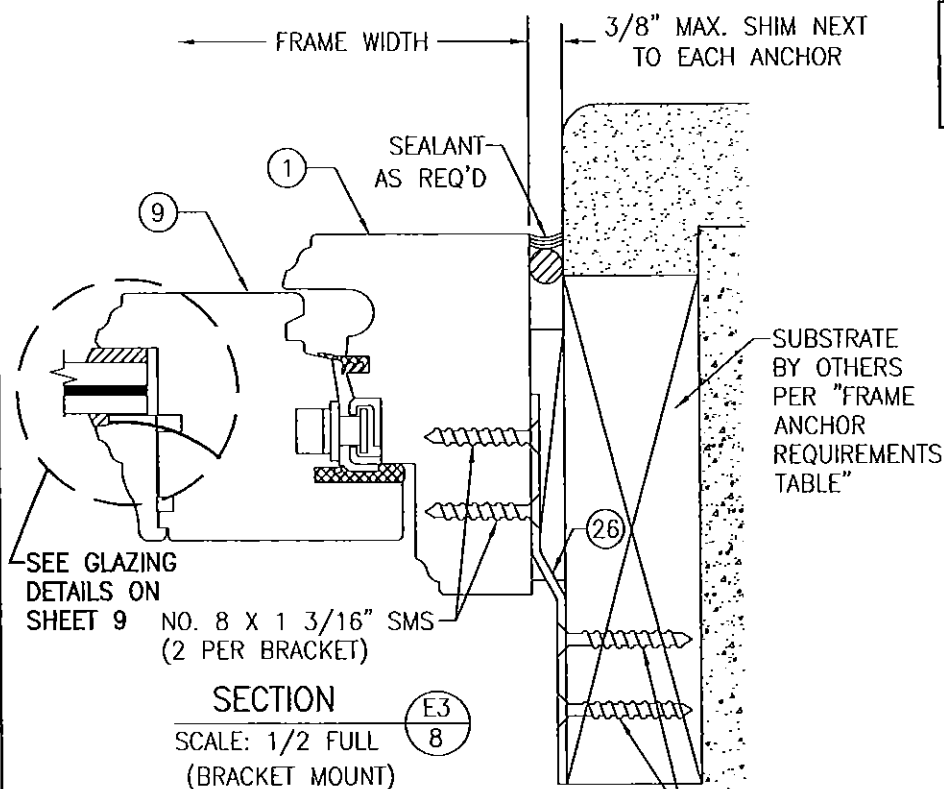
SECTION D  
SCALE: 1/2 FULL

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-04-14.09  
Expiration Date Aug. 18, 2020  
By *Manuel Perez*  
Miami Trade Product Control

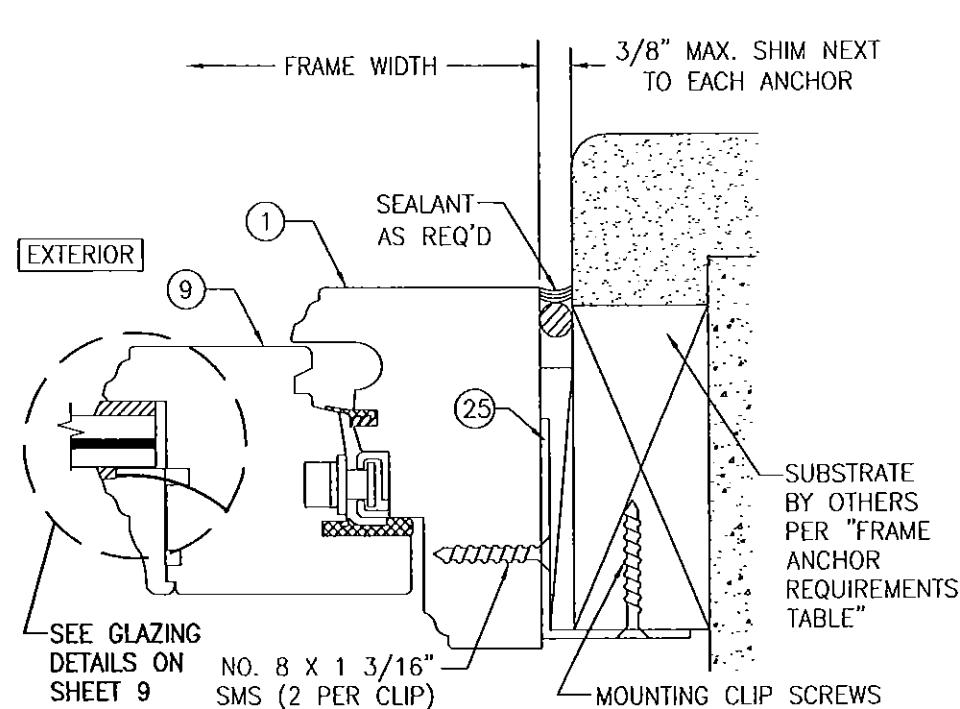
DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 3/18/05
DATE	BY
REVISION DESCRIPTION	NO.
AMERICAN IN-SWING CASEMENT IMPACT WOOD WINDOWS	
MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 156TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
DRAWING TITLE	
CERTIFICATION	
APR 06 2015	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1320A	REV. C
SHEET NO. 7 OF 10	



SECTION E1  
SCALE: 1/2 FULL  
(SCREW MOUNT)

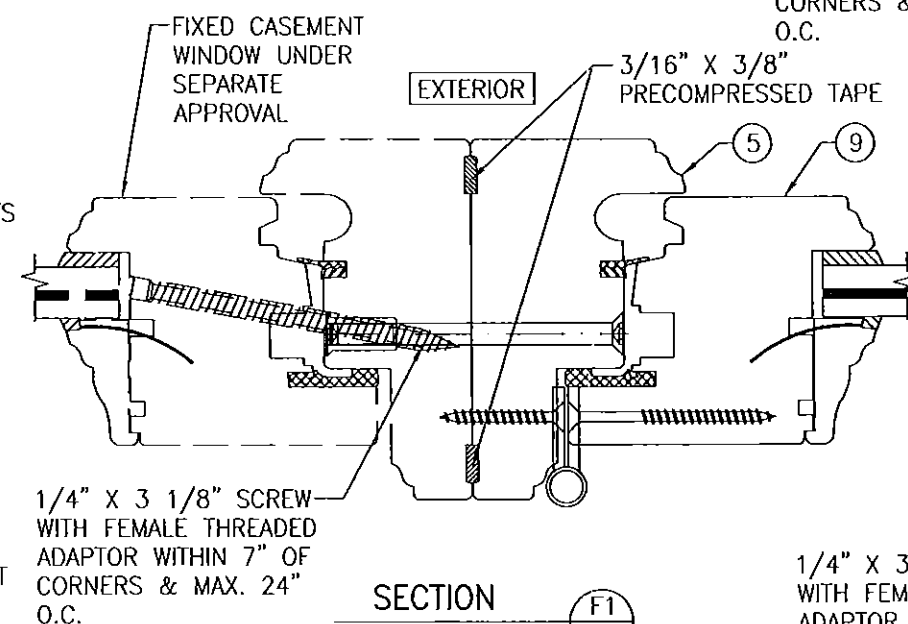


(SEE SECTION E1/7 FOR DETAILS NOT SHOWN)

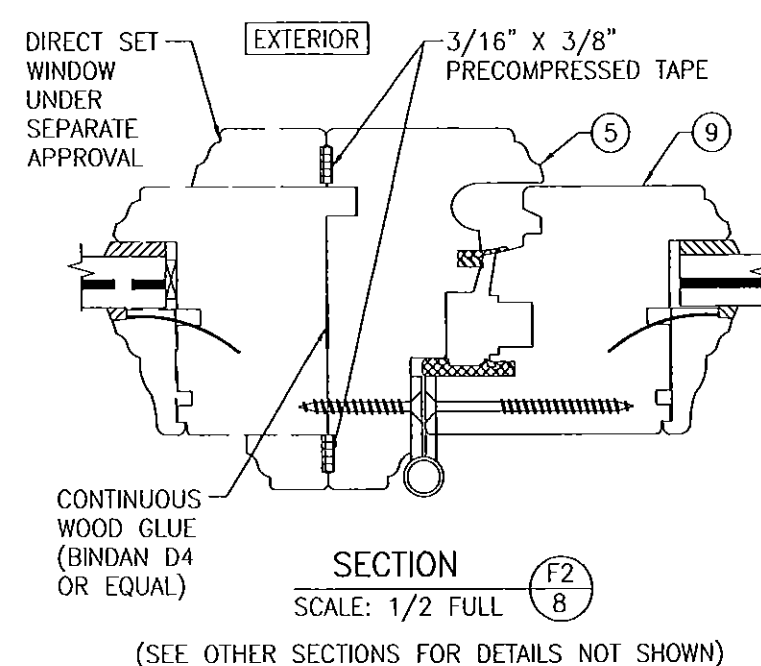


SECTION E2  
SCALE: 1/2 FULL  
(CLIP MOUNT)  
(SEE SECTION E1/7 FOR DETAILS NOT SHOWN)

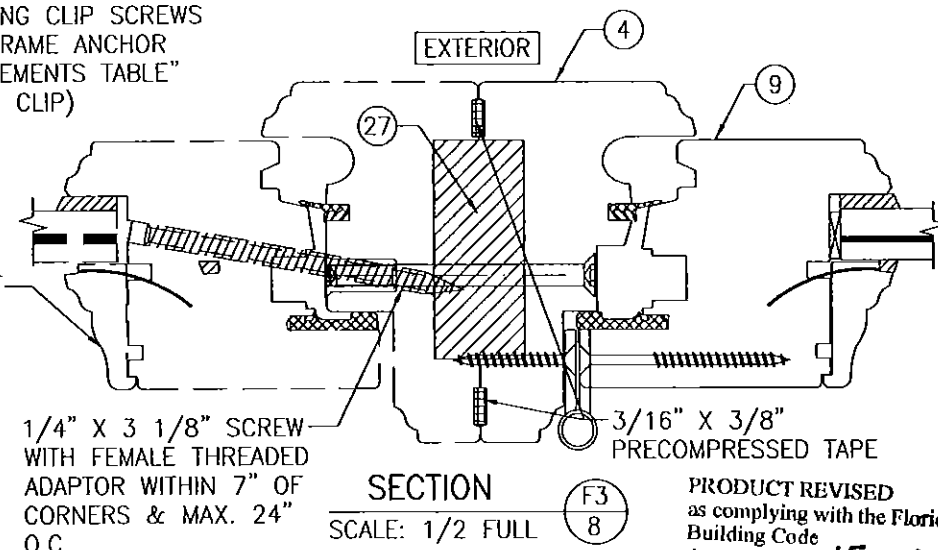
CLIPS & BRACKETS MAY  
BE POSITIONED AT THE  
INTERIOR OR EXTERIOR  
SIDE OF THE WINDOW



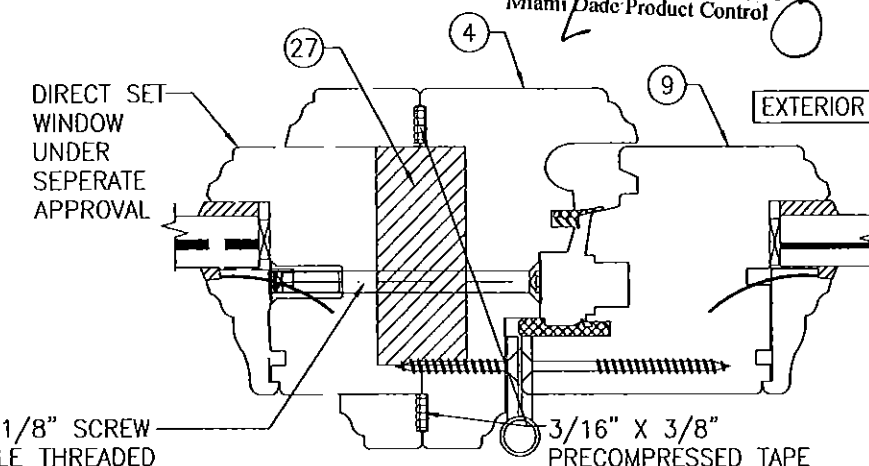
SECTION F1  
SCALE: 1/2 FULL  
(SEE OTHER SECTIONS FOR DETAILS NOT SHOWN)



(SEE OTHER SECTIONS FOR DETAILS NOT SHOWN)



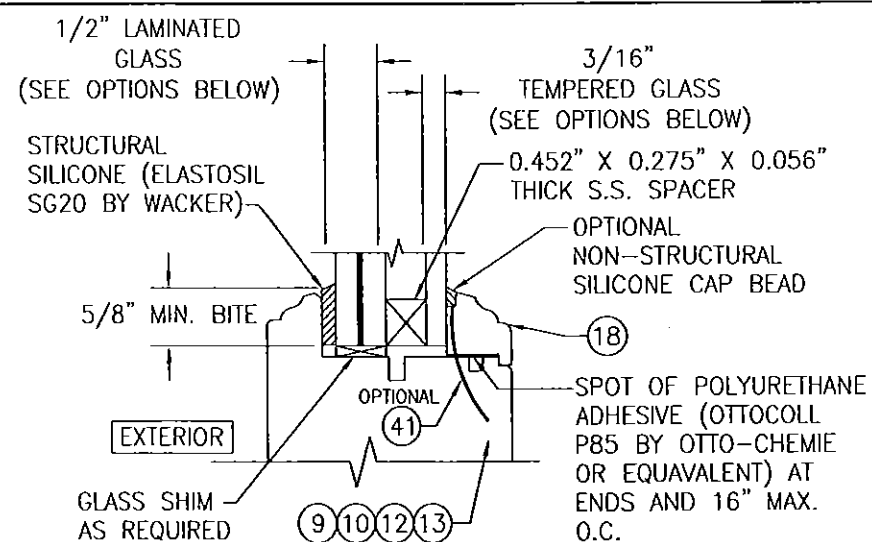
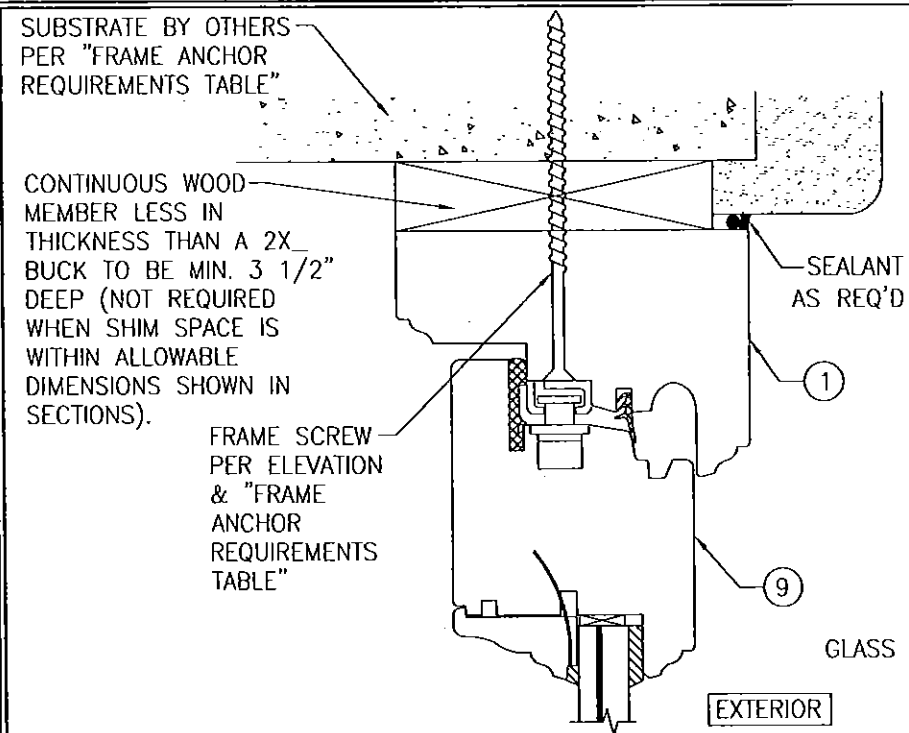
SECTION F3  
SCALE: 1/2 FULL  
(SEE OTHER SECTIONS FOR DETAILS NOT SHOWN)



SECTION F4  
SCALE: 1/2 FULL  
(SEE OTHER SECTIONS FOR DETAILS NOT SHOWN)

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0414.09  
Expiration Date Aug 18, 2020  
By *Manuel*  
Miami Dade Product Control

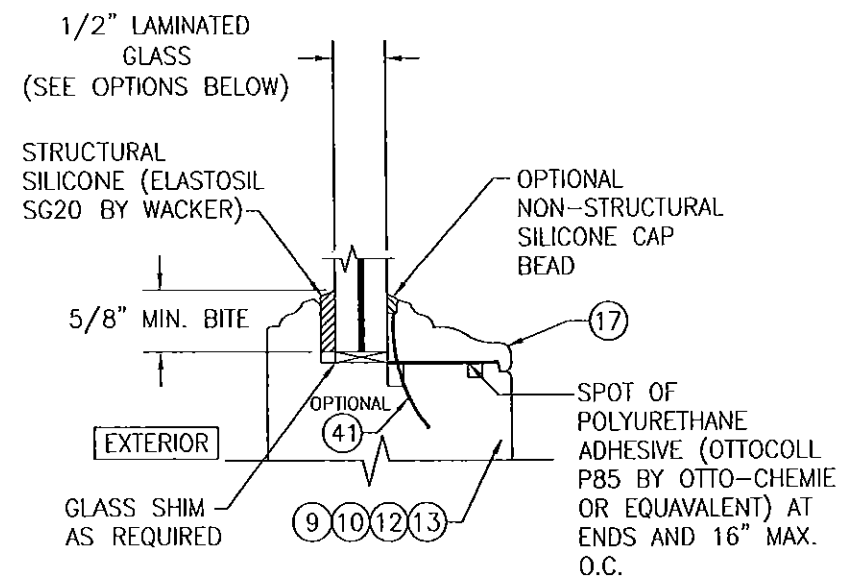
DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
NO.	REVISION	DESCRIPTION	DATE
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
DRAWING TITLE: AMERICAN IN-SWING CASEMENT IMPACT WOOD WINDOWS			
MANUFACTURER: PEETZ WINDOWS & DOORS			
15951 S.W. 41ST STREET, SUITE 150			
WESTON, FL 33331			
954-659-3887			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)			
7480 150TH COURT NORTH			
PALM BEACH GARDENS, FL 33418			
PHONE: 561-744-3424			
CERTIFICATION: APR 06 2015			
WARREN W. SCHAEFER, P.E.			
P.E. NO. 44135			
DRAWING NO. 1320A		REV. C	
SHEET NO. 8		OF 10	



I.G. GLAZING DETAIL

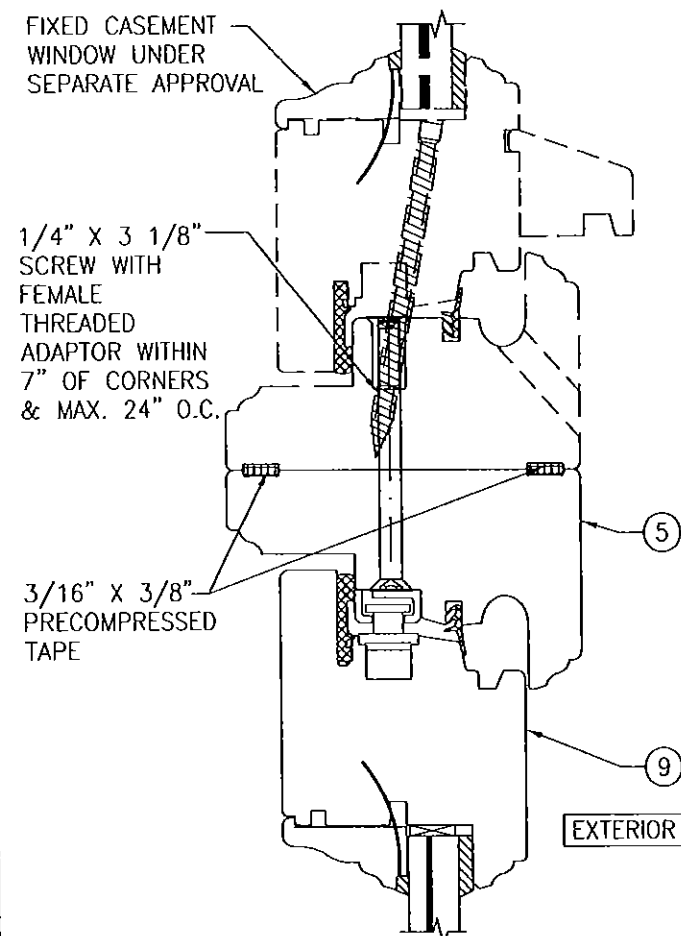
GLASS OPTION: 1. 1/2" THICK LAMINATED OUTER GLASS (3/16" AN/0.09  
EASTMAN CHEMICAL CO. "SAFLEX"/1/4" AN); 3/16"  
TEMPERED SINGLE PANE INNER GLASS & 1/2" AIR SPACE

2. 1/2" THICK LAMINATED OUTER GLASS (3/16" AN/0.075  
EASTMAN CHEMICAL CO. "SAFLEX CP"/1/4" AN); 3/16"  
TEMPERED SINGLE PANE INNER GLASS & 1/2" AIR SPACE



### NON-I.G. GLAZING DETAIL

GLASS OPTION: 1. 1/2" THICK LAMINATED GLASS (3/16" AN/0.09 EASTMAN  
CHEMICAL CO. "SAFLEX"/1/4" AN)  
2. 1/2" THICK LAMINATED GLASS (3/16" AN/0.075"  
EASTMAN CHEMICAL CO. "SAFLEX CP"/1/4" AN)

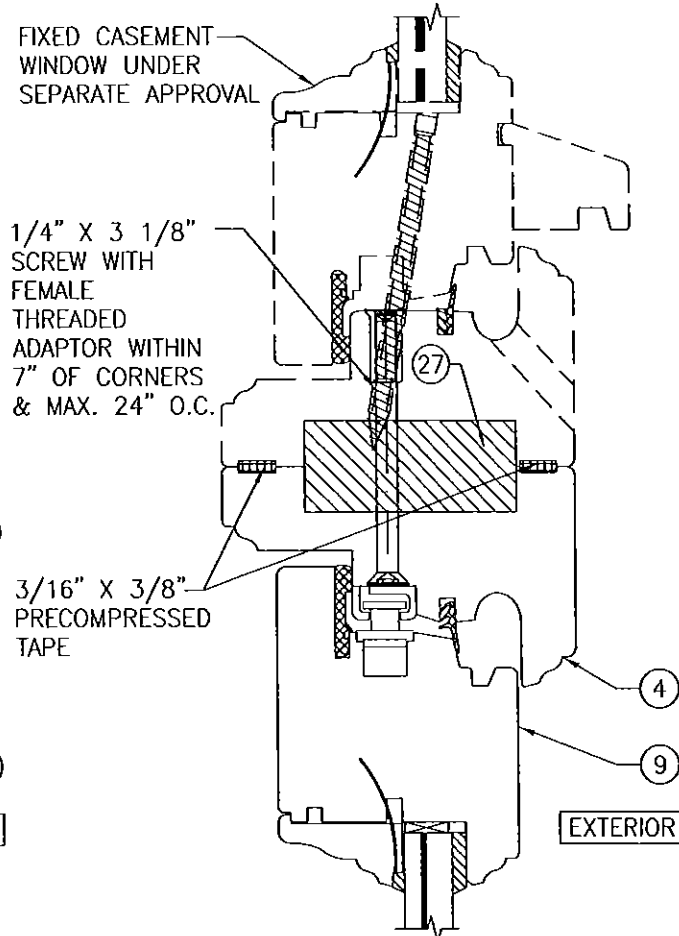


SECTION

SCALE: 1/2 FULL

$$\frac{G1}{9}$$

(SEE DETAIL A1/5 FOR DETAILS NOT SHOWN)

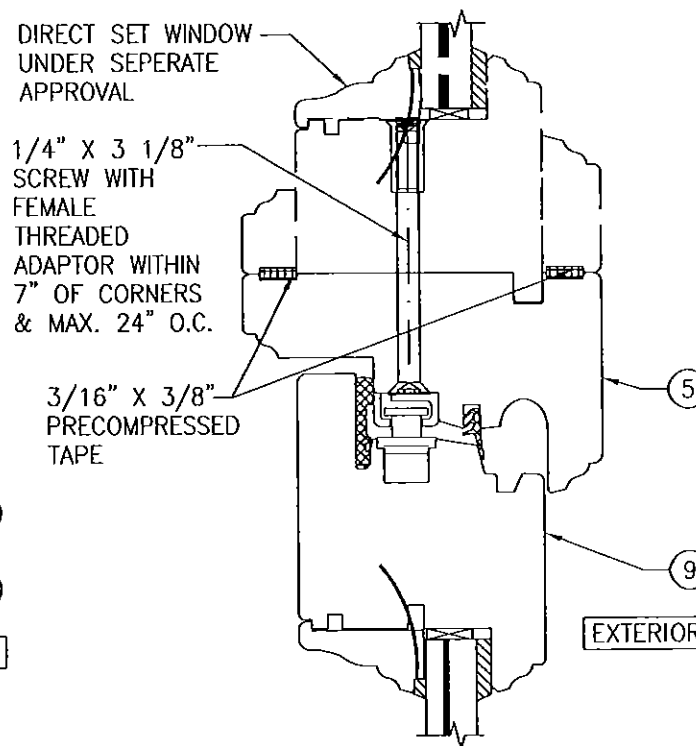


SECTION

SCALE: 1/2 FULL

$$\frac{G2}{9}$$

(SEE DETAIL A1/5 FOR DETAILS NOT SHOWN)

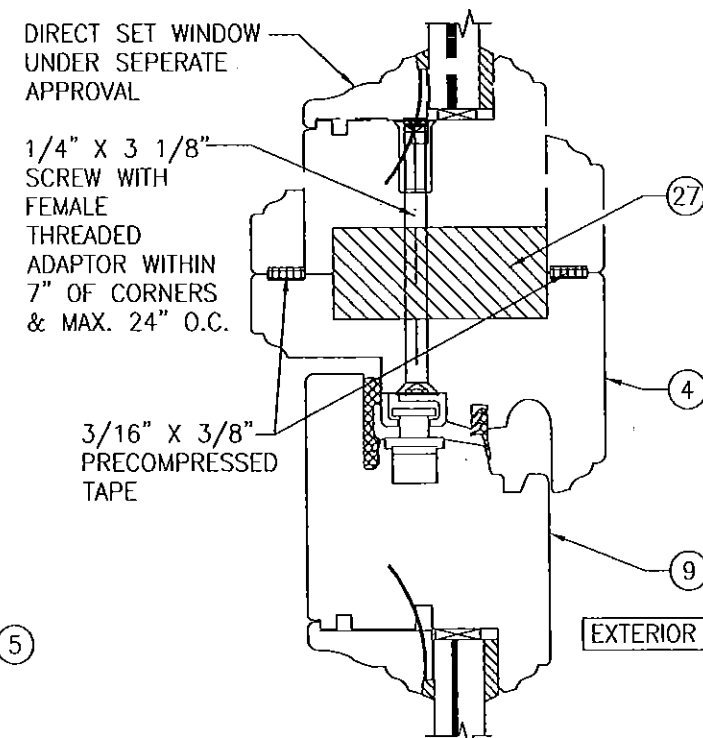


SECTION

SCALE: 1/2 FULL

$\frac{G3}{9}$

(SEE DETAIL A1/5 FOR DETAILS NOT SHOWN)




SECTION

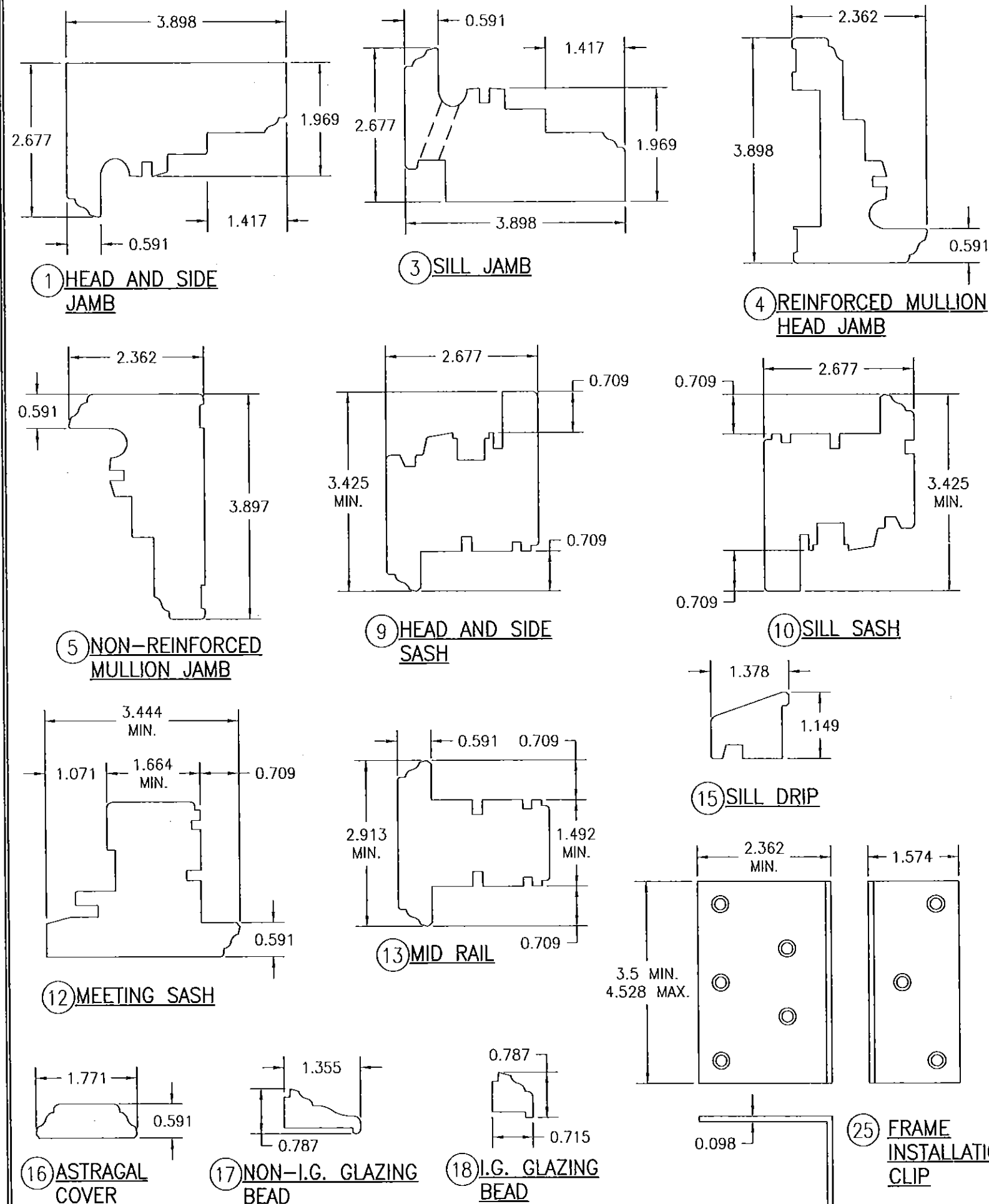
SCALE: 1/2 FULL

$\frac{G4}{9}$

(SEE DETAIL A1/5 FOR DETAILS NOT SHOWN)

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 15-0414.09  
Expiration Date Aug. 18, 2020  
By Manuel Perez  
Miami Dade Product Control

DRAWING NO. <b>1320A</b>		REV. <b>C</b>	
SHEET NO. <b>9</b> OF <b>10</b>			
CERTIFICATION  <b>APR 06 2015</b> WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING TITLE <b>AMERICAN IN-SWING CASEMENT IMPACT WOOD WINDOWS</b>	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER <b>PEETZ WINDOWS &amp; DOORS</b> 15951 S.W. 41ST STREET; SUITE 150 WESTON, FL 33331 954-659-3887	
NO. REVISION DESCRIPTION BY DATE		DRAWN BY: S.T.R. CHECKED BY: W.W.S. PLOT: 1=2 DATE: 3/18/05	



ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD AND SIDE JAMB	WOOD
3	SILL JAMB	WOOD
4	REINFORCED MULLION HEAD JAMB	WOOD
5	NON-REINFORCED MULLION JAMB	WOOD
9	HEAD AND SIDE SASH	WOOD
10	SILL SASH	WOOD
12	MEETING SASH	WOOD
13	MID RAIL	WOOD
15	SILL DRIP	WOOD
16	ASTRAGAL COVER	WOOD
17	NON-I.G. GLAZING BEAD	WOOD
18	I.G. GLAZING BEAD	WOOD
25	FRAME INSTALLATION CLIP	GALVANIZED 34.1 KSI STEEL
26	FRAME INSTALLATION BRACKET	GALVANIZED 34.1 KSI STEEL
27	MULLION REINFORCEMENT	A36 STEEL (FY = 36 KSI)
HARDWARE		
30	LOCK HANDLE	AS REQUIRED TO OPERATE LOCKS
31	MULTI-POINT LOCK SYSTEM (HINGED WINDOW)	GU, ROTO OR SIEGENIA MUSHROOM CAM SYSTEM
32	HINGE (2 3/16" X 5 1/2")	BRASS BY BROS
33	MULTI-POINT LOCK SYSTEM (TILT-TURN WINDOW)	SIEGENIA MUSHROOM CAM SYSTEM WITH CONCEALED HINGES
SEALS AND SEALANTS		
36	SWEEP	GTG EPDM
37	COMPRESSION SEAL	SCHLEGEL
38	3/8" X 3/16" PRECOM PRESSED TAPE	N/A
FASTENERS		
40	.295" X 3 5/8" AMO III GALVANIZED STEEL SCREWS	5 1/2" FROM INNER CORNERS & 14" O.C.
41	OPTIONAL 18 GA. X 1 1/4" GALVANIZED CURVED NAIL	10" FROM CORNERS & 20" O.C.
42	3/16" X 1 3/16" SCREWS	4 PER HINGE (@ DOOR)
43	3/16" X 2 3/4" SCREWS	4 PER HINGE (@ JAMB)

NOTE: WOOD USED IN TESTING WAS MAHOGANY WITH A SPECIFIC GRAVITY OF  $G = 0.67$  AND A MODULUS OF ELASTICITY OF  $E = 1,700,000$  PSI. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.67 AND MODULUS OF ELASTICITY OF 1,700,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY PEETZ WINDOWS & DOORS TO SELECT.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0414.09  
Expiration Date Aug 18, 2020  
By *Manuel Perez*  
Miami Date Product Control

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE: AMERICAN IN-SWING CASEMENT IMPACT WOOD WINDOWS			
CONSULTANTS:		MANUFACTURER:	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		PEETZ WINDOWS & DOORS	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION:		APR 06 2015	
DRAWING NO. 1320A		REV. C	
SHEET NO. 10		OF 10	